

Boston College/Brighton High School Math Excellence Partnership

Goals:

- To improve student achievement in Math at Brighton High School and to increase the number of students who complete an honors Math class.

Summary

The **Boston College/Brighton High School Math Excellence Partnership** (B²MEP), a three year grant funded under the GE Math Excellence program, supports teaching and learning of advanced mathematics at Brighton High School. The Lynch School of Education is collaborating with the Carroll School of Management to help Brighton High School math teachers develop advanced math skills among minority students who show a high interest and aptitude in math. Under the grant, University faculty will work collaboratively with high school math teachers to introduce real world business problems into the math curriculum. Boston College undergraduates from the AHANA Management Academy will mentor high school students in areas including academic achievement, college preparation and career awareness. The grant also establishes a Community of Inquiry and Practice for honors math teachers, including a summer institute, weekly meetings and monthly roundtables. Quantitative goals established for the program include improving student achievement in math as measured by the MCAS scores and increasing the number of students who successfully complete AP calculus.

Plans/Activities

B²MEP just started as of January 1, 2003. 5 BHS teachers have been selected; March planning meeting of all stakeholders; April recruiting and training of mentors; June 3-day workshop for all 15 BHS teachers; Fall - initiation of honors level math class for 9th, 10th, 11th grades and collaborative coaching/professional development for teachers.

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